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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	29	JUN 25	CA/CAPplus and USPAT databases updated with IPC

reclassification data
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S.
patent records
NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional
options to display authors and affiliated
organizations
NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008

=> FIL REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

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STRUCTURE FILE UPDATES: 13 JUL 2008 HIGHEST RN 1033821-28-1

DICTIONARY FILE UPDATES: 13 JUL 2008 HIGHEST RN 1033821-28-1

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\4 A is phenyl.str



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chain nodes :
5 6 7 8 10 16
ring nodes :
11 12 13 14 15 19 20 21 22 23 24
chain bonds :
5-6 6-7 6-8 8-10
ring bonds :
11-12 11-15 12-13 13-14 14-15 19-20 19-24 20-21 21-22 22-23 23-24
exact/norm bonds :
5-6 6-7 6-8 8-10 11-12 11-15
normalized bonds :
12-13 13-14 14-15 19-20 19-24 20-21 21-22 22-23 23-24
isolated ring systems :
containing 11 :
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G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

Match level :

5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:CLASS 11:Atom 12:Atom 13:CLASS 14:Atom
15:Atom 16:Atom 17:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom

Generic attributes :

16:

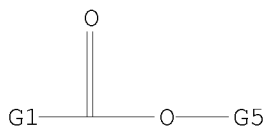
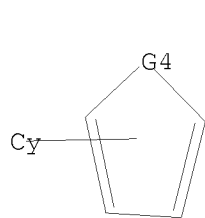
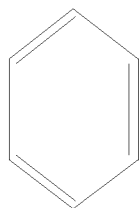
Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 13:49:43 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 41018 TO ITERATE

4.9% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 808260 TO 832460

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> S L1 FULL

FULL SEARCH INITIATED 13:49:51 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 821805 TO ITERATE

99.1% PROCESSED 814347 ITERATIONS 0 ANSWERS

100.0% PROCESSED 821805 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.26

L3 0 SEA SSS FUL L1

=> S US 2005-526507/AP

'AP' IS NOT A VALID FIELD CODE

L4 0 US 2005-526507/AP

=> S US 2005-526507/AN

'AN' IS NOT A VALID FIELD CODE

L5 0 US 2005-526507/AN

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.72

185.93

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

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FILE COVERS 1907 - 14 Jul 2008 VOL 149 ISS 3

FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> S US 2005-526507/AP

L6 1 US 2005-526507/AP

(US2005-526507/AP)

=> SEL RN
E1 THROUGH E510 ASSIGNED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.69	188.62

FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008
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<http://www.cas.org/support/stngen/stndoc/properties.html>

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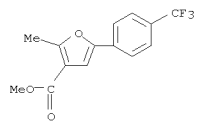
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=> D 400

L7 ANSWER 400 OF 510 REGISTRY COPYRIGHT 2008 ACS on STN
RN 476155-26-7 REGISTRY
ED Entered STN: 13 Dec 2002
CN 3-Furancarboxylic acid, 2-methyl-5-[4-(trifluoromethyl)phenyl]-, methyl
ester (CA INDEX NAME)
MF C14 H11 F3 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

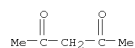


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D 500

L7 ANSWER 500 OF 510 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 123-54-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2,4-Pentanedione (CA INDEX NAME)
 OTHER NAMES:
 CN 2,4-Dioxopentane
 CN 2,4-Pentadione
 CN 2-Propanone, acetyl-
 CN ACAC
 CN Acetoacetone
 CN Acetylacetone
 CN Diacetylmethane
 CN NSC 139614
 CN NSC 2679
 CN NSC 2927
 CN NSC 52336
 CN NSC 54069
 CN NSC 5575
 CN NSC 77075
 CN NSC 78795
 CN Pentan-2,4-dione
 DR 81235-32-7
 MF C5 H8 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA,
 CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
 CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
 TOXCENTER, TULSA, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

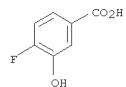


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

18098 REFERENCES IN FILE CA (1907 TO DATE)
 3184 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 18159 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> D 450

L7 ANSWER 450 OF 510 REGISTRY COPYRIGHT 2008 ACS on STN
RN 51446-31-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzoic acid, 4-fluoro-3-hydroxy- (CA INDEX NAME)
OTHER NAMES:
CN 3-Hydroxy-4-fluorobenzoic acid
CN 4-Fluoro-3-hydroxybenzoic acid
MF C7 H5 F O3
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
CSCHEM, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

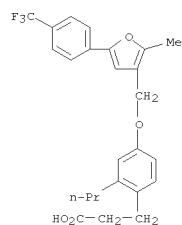


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

39 REFERENCES IN FILE CA (1907 TO DATE)
40 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D 300

L7 ANSWER 300 OF 510 REGISTRY COPYRIGHT 2008 ACS on STN
RN 672929-29-2 REGISTRY
ED Entered STN: 08 Apr 2004
CN Benzenepropanoic acid, 4-[[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methoxy]-2-propyl- (CA INDEX NAME)
MF C25 H25 F3 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D HIS

(FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008)

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 0 S US 2005-526507/AP
L5 0 S US 2005-526507/AN

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

L6 1 S US 2005-526507/AP
 SEL RN

FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008

L7 510 S E1-E510

=> S L1 FULL SUB=L7

FULL SUBSET SEARCH INITIATED 14:03:52 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 181 TO ITERATE

100.0% PROCESSED 181 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L8 0 SEA SUB=L7 SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14.str



```

chain nodes :
5 6 7 8 15
ring nodes :
10 11 12 13 14 18 19 20 21 22 23
chain bonds :
5-6 6-7 6-8
ring bonds :
10-11 10-14 11-12 12-13 13-14 18-19 18-23 19-20 20-21 21-22 22-23
exact/norm bonds :
5-6 6-7 6-8 10-11 10-14
normalized bonds :
11-12 12-13 13-14 18-19 18-23 19-20 20-21 21-22 22-23
isolated ring systems :
containing 10 :

```

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

Match level :

5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:Atom 11:Atom 12:CLASS 13:Atom 14:Atom

15:Atom 16:CLASS 18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom

Generic attributes :

15:

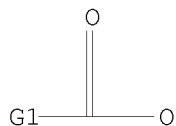
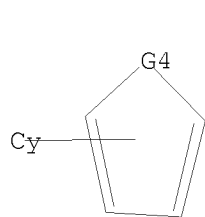
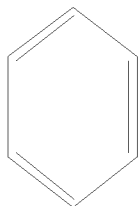
Saturation : Unsaturated

L9 STRUCTURE UPLOADED

=> D

L9 HAS NO ANSWERS

L9 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> S L9 FULL SUB=L7

FULL SUBSET SEARCH INITIATED 14:05:13 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 181 TO ITERATE

100.0% PROCESSED

181 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L10 0 SEA SUB=L7 SSS FUL L9

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14_2.str



chain nodes :
5 6 7 8 22
ring nodes :
10 11 12 13 14 16 17 18 19 20 21
chain bonds :
5-6 6-7 6-8
ring bonds :
10-11 10-14 11-12 12-13 13-14 16-17 16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
5-6 6-7 6-8 10-11 10-14 11-12 12-13 13-14
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21
isolated ring systems :
containing 10 :

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

Match level :

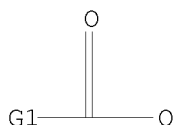
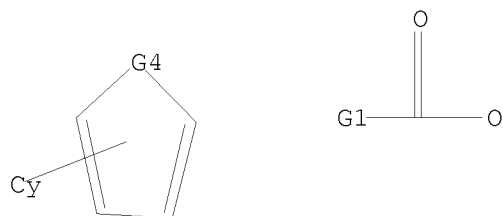
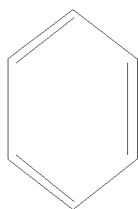
5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:Atom 11:Atom 12:CLASS 13:Atom 14:Atom
16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom

L11 STRUCTURE UPLOADED

=> D

L11 HAS NO ANSWERS

L11 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> S L11 FULL SUB=L7

FULL SUBSET SEARCH INITIATED 14:08:34 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 270 TO ITERATE

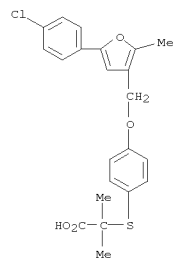
100.0% PROCESSED 270 ITERATIONS
SEARCH TIME: 00.00.01

175 ANSWERS

L12 175 SEA SUB=L7 SSS FUL L11

=> D SCAN

L12 175 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanoic acid, 2-[[[4-[[5-(4-chlorophenyl)-2-methyl-3-
furanyl]methoxy]phenyl]thio]-2-methyl-
MF C22 H21 Cl O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> S L11 FULL

FULL SEARCH INITIATED 14:09:14 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1362479 TO ITERATE

73.1% PROCESSED 995663 ITERATIONS

21433 ANSWERS

73.4% PROCESSED 1000000 ITERATIONS

21445 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.18

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1362479 TO 1362479

PROJECTED ANSWERS: 28706 TO 29730

L13 21445 SEA SSS FUL L11

=> D HIS

(FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008)

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 0 S L1 FULL

L4 0 S US 2005-526507/AP

L5 0 S US 2005-526507/AN

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

L6 1 S US 2005-526507/AP

SEL RN

FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008

L7 510 S E1-E510

L8 0 S L1 FULL SUB=L7

L9 STRUCTURE UPLOADED

L10 0 S L9 FULL SUB=L7

L11 STRUCTURE UPLOADED

L12 175 S L11 FULL SUB=L7

L13 21445 S L11 FULL

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14_4.str



```

chain nodes :
18 19 20 21 22 23 25
ring nodes :
6 7 8 9 10 12 13 14 15 16 17
chain bonds :
8-25 14-23 19-20 20-21 20-22 23-25
ring bonds :
6-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
6-7 6-10 8-25 9-10 14-23 19-20 20-21 20-22 23-25
normalized bonds :
7-8 8-9 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 6 :
```

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

G6:O,N

Match level :

6:Atom 7:Atom 8:CLASS 9:Atom 10:Atom 12:CLASS 13:Atom 14:Atom 15:Atom
16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 25:CLASS

Generic attributes :

18:

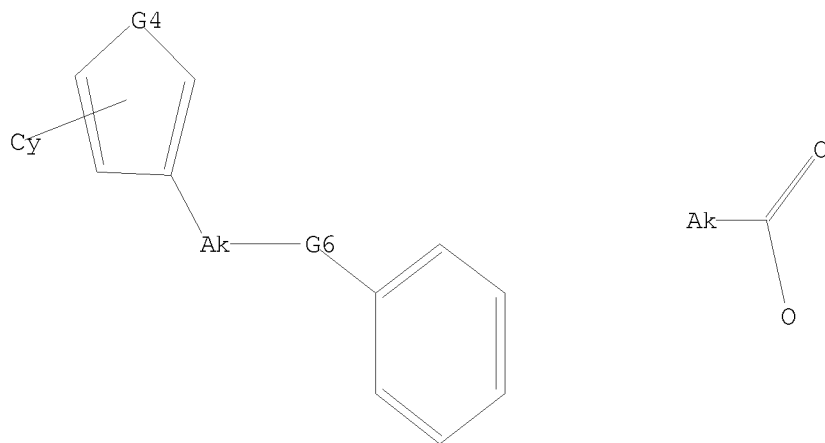
Saturation : Unsaturated

L14 STRUCTURE UPLOADED

=> D

L14 HAS NO ANSWERS

L14 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

G6 O,N

Structure attributes must be viewed using STN Express query preparation.

=> S L14 FULL SUB=L7

FULL SUBSET SEARCH INITIATED 14:20:47 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 179 TO ITERATE

100.0% PROCESSED 179 ITERATIONS
 SEARCH TIME: 00.00.01

0 ANSWERS

L15 0 SEA SUB=L7 SSS FUL L14

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14_5.str



chain nodes :
 18 19 20 21 22 23 25
 ring nodes :
 6 7 8 9 10 12 13 14 15 16 17
 chain bonds :
 8-23 14-22 18-19 19-20 19-21 22-23
 ring bonds :
 6-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17
 exact/norm bonds :
 6-7 6-10 8-23 9-10 14-22 18-19 19-20 19-21 22-23
 normalized bonds :
 7-8 8-9 12-13 12-17 13-14 14-15 15-16 16-17
 isolated ring systems :
 containing 6 :

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

G6:O,N

Match level :

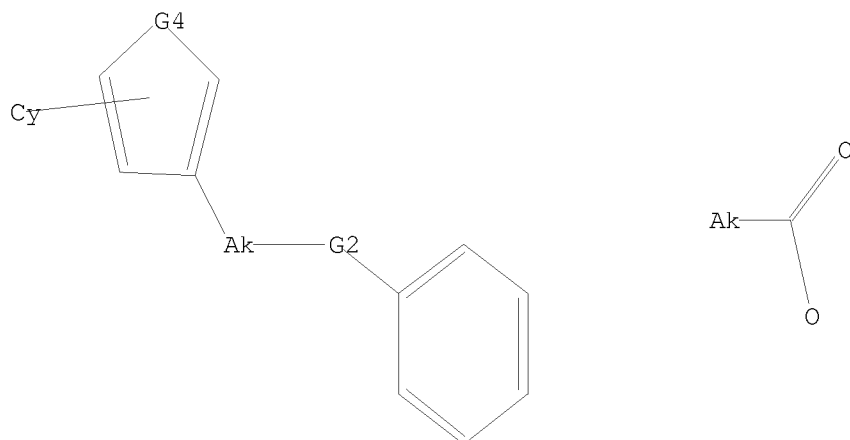
6:Atom 7:Atom 8:CLASS 9:Atom 10:Atom 12:CLASS 13:Atom 14:Atom 15:Atom
16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:Atom 26:CLASS

L16 STRUCTURE UPLOADED

=> D

L16 HAS NO ANSWERS

L16 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

G6 O,N

Structure attributes must be viewed using STN Express query preparation.

=> S L16 FULL SUB=L7

FULL SUBSET SEARCH INITIATED 14:22:34 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 181 TO ITERATE

100.0% PROCESSED 181 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L17 0 SEA SUB=L7 SSS FUL L16

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14_6.str



chain nodes :
18 19 20 21 22 23 25
ring nodes :
6 7 8 9 10 12 13 14 15 16 17
chain bonds :
8-23 14-22 18-19 19-20 19-21 22-23
ring bonds :
6-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
6-7 6-10 7-8 8-9 8-23 9-10 14-22 18-19 19-20 19-21 22-23
normalized bonds :
12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 6 :

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

G6:O,N

Match level :

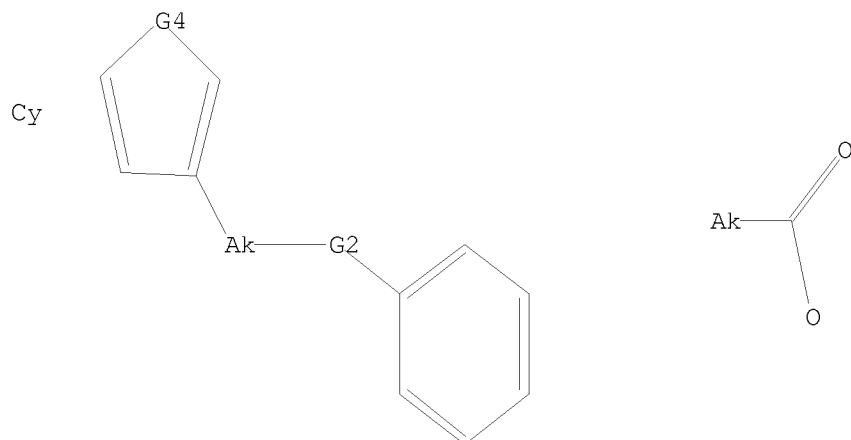
6:Atom 7:Atom 8:CLASS 9:Atom 10:Atom 12:CLASS 13:Atom 14:Atom 15:Atom
16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:Atom

L18 STRUCTURE UPLOADED

=> D

L18 HAS NO ANSWERS

L18 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

G6 O,N

Structure attributes must be viewed using STN Express query preparation.

=> S L18 FULL SUB=L7
FULL SUBSET SEARCH INITIATED 14:23:26 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 267 TO ITERATE

100.0% PROCESSED 267 ITERATIONS 153 ANSWERS
SEARCH TIME: 00.00.01

L19 153 SEA SUB=L7 SSS FUL L18

=> D HIS

(FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008)

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 0 S US 2005-526507/AP
L5 0 S US 2005-526507/AN

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

L6 1 S US 2005-526507/AP
SEL RN

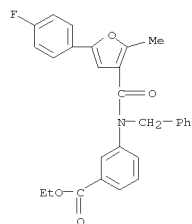
FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008

L7 510 S E1-E510
L8 0 S L1 FULL SUB=L7
L9 STRUCTURE UPLOADED
L10 0 S L9 FULL SUB=L7
L11 STRUCTURE UPLOADED
L12 175 S L11 FULL SUB=L7
L13 21445 S L11 FULL
L14 STRUCTURE UPLOADED
L15 0 S L14 FULL SUB=L7
L16 STRUCTURE UPLOADED
L17 0 S L16 FULL SUB=L7
L18 STRUCTURE UPLOADED
L19 153 S L18 FULL SUB=L7

=> S L12 NOT L19
L20 22 L12 NOT L19

=> D L20 1

L20 ANSWER 1 OF 22 REGISTRY COPYRIGHT 2008 ACS on STN
RN 672930-96-0 REGISTRY
ED Entered STN: 08 Apr 2004
CN Benzoic acid, 3-[[[5-(4-fluorophenyl)-2-methyl-3-furanyl]carbonyl](phenylmethyl)amino]-, ethyl ester (CA INDEX NAME)
MF C28 H24 F N O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

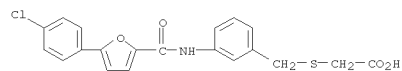


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L20 2

L20 ANSWER 2 OF 22 REGISTRY COPYRIGHT 2008 ACS on STN
RN 672930-22-2 REGISTRY
ED Entered STN: 08 Apr 2004
CN Acetic acid,
2-[[[3-[[[5-(4-chlorophenyl)-2-furanyl]carbonyl]amino]phenyl]
methyl]thio]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetic acid,
[[[3-[[[5-(4-chlorophenyl)-2-furanyl]carbonyl]amino]phenyl]me
thyl]thio]- (9CI)
MF C20 H16 Cl N O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D HIS

(FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008)

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 0 S US 2005-526507/AP
L5 0 S US 2005-526507/AN

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

L6 1 S US 2005-526507/AP
SEL RN

FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008

L7 510 S E1-E510
L8 0 S L1 FULL SUB=L7
L9 STRUCTURE UPLOADED
L10 0 S L9 FULL SUB=L7
L11 STRUCTURE UPLOADED
L12 175 S L11 FULL SUB=L7
L13 21445 S L11 FULL
L14 STRUCTURE UPLOADED
L15 0 S L14 FULL SUB=L7
L16 STRUCTURE UPLOADED
L17 0 S L16 FULL SUB=L7
L18 STRUCTURE UPLOADED
L19 153 S L18 FULL SUB=L7
L20 22 S L12 NOT L19

=> S L18

SAMPLE SEARCH INITIATED 14:26:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 67386 TO ITERATE

3.0% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1332254 TO 1363186

PROJECTED ANSWERS: 0 TO 0

L21 0 SEA SSS SAM L18

=>

Uploading C:\Program Files\Stnexp\Queries\10526507\JULY 14_7.str



```

chain nodes :
18 19 20 21 22 23 25
ring nodes :
6 7 8 9 10 12 13 14 15 16 17
chain bonds :
8-23 10-25 14-22 18-19 19-20 19-21 22-23
ring bonds :
6-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
6-7 6-10 7-8 8-9 8-23 9-10 10-25 14-22 18-19 19-20 19-21 22-23
normalized bonds :
12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 6 :

```

G1:Cb,Ak

G2:C,O,S,N

G3:C,N

G4:O,S

G5:H,Cb,Ak

G6:O,N

Match level :

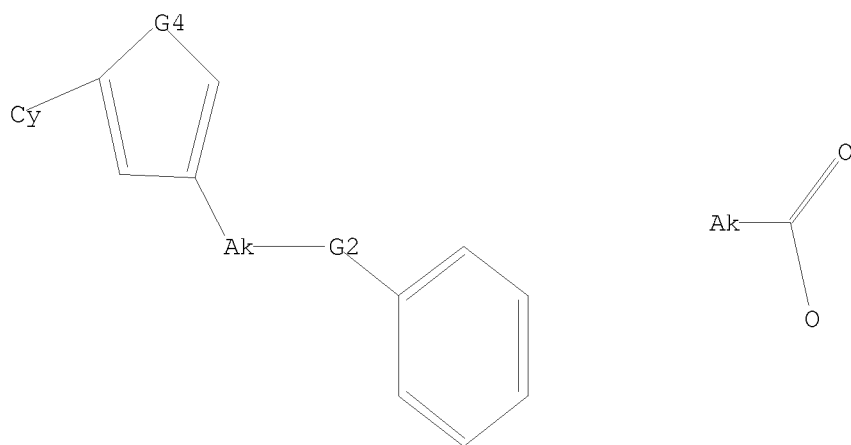
6:Atom 7:Atom 8:CLASS 9:Atom 10:Atom 12:CLASS 13:Atom 14:Atom 15:Atom
16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:Atom

L22 STRUCTURE UPLOADED

=> D

L22 HAS NO ANSWERS

L22 STR



G1 Cb,Ak

G2 C,O,S,N

G3 C,N

G4 O,S

G5 H,Cb,Ak

G6 O,N

Structure attributes must be viewed using STN Express query preparation.

=> S L22

SAMPLE SEARCH INITIATED 14:27:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 67386 TO ITERATE

3.0% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1332254 TO 1363186
PROJECTED ANSWERS: 0 TO 0

L23 0 SEA SSS SAM L22

=> S L22 FULL
FULL SEARCH INITIATED 14:34:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1344087 TO ITERATE

74.4% PROCESSED 1000000 ITERATIONS 280 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.14

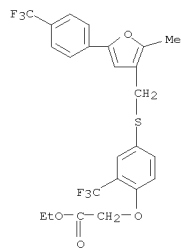
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1344087 TO 1344087
PROJECTED ANSWERS: 318 TO 434

L24 280 SEA SSS FUL L22

=> S L24 NOT L12
L25 131 L24 NOT L12

=> D SCAN

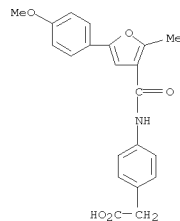
L25 131 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Acetic acid, 2-[4-[[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-(trifluoromethyl)phenoxy]-, ethyl ester
MF C24 H20 F6 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

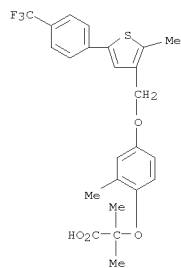
L25 131 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Benzeneacetic acid, 4-[[[5-(4-methoxyphenyl)-2-methyl-3-furanyl]carbonyl]amino]-
MF C21 H19 N O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L25 131 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanoic acid, 2-methyl-2-[2-methyl-4-[[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]-
MF C24 H23 F3 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> D HIS

(FILE 'HOME' ENTERED AT 13:48:23 ON 14 JUL 2008)

FILE 'REGISTRY' ENTERED AT 13:48:48 ON 14 JUL 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 0 S US 2005-526507/AP
L5 0 S US 2005-526507/AN

FILE 'CAPLUS' ENTERED AT 13:59:09 ON 14 JUL 2008

L6 1 S US 2005-526507/AP
 SEL RN

FILE 'REGISTRY' ENTERED AT 13:59:33 ON 14 JUL 2008

L7 510 S E1-E510
L8 0 S L1 FULL SUB=L7
L9 STRUCTURE UPLOADED
L10 0 S L9 FULL SUB=L7
L11 STRUCTURE UPLOADED
L12 175 S L11 FULL SUB=L7
L13 21445 S L11 FULL
L14 STRUCTURE UPLOADED
L15 0 S L14 FULL SUB=L7
L16 STRUCTURE UPLOADED
L17 0 S L16 FULL SUB=L7
L18 STRUCTURE UPLOADED
L19 153 S L18 FULL SUB=L7
L20 22 S L12 NOT L19
L21 0 S L18
L22 STRUCTURE UPLOADED
L23 0 S L22
L24 280 S L22 FULL
L25 131 S L24 NOT L12

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1462.80

1651.42

FILE 'CAPLUS' ENTERED AT 14:35:24 ON 14 JUL 2008

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FILE COVERS 1907 - 14 Jul 2008 VOL 149 ISS 3
FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> S L24
L26 13 L24

=> D IBIB L26 TOT

L26 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:319872 CAPLUS
DOCUMENT NUMBER: 148:355776
TITLE: Preparation of isoxazole derivatives as GPR40 modulators
INVENTOR(S): Beck, Hilary; Dransfield, Paul; Fu, Zice; Houze, Jonathan; Jiao, Xianyun; Kohn, Todd J.; Lai, Sujen; Liu, Jinqian; Liu, Jiwen; Ma, Zhihua; Schmitt, Michael
J.; Sharma, Rajiv; Shen, Wang; Vimolratana, Marc; Wang, Yingcai; Wang, Zhongyu
PATENT ASSIGNEE(S): Amgen Inc., USA
SOURCE: PCT Int. Appl., 257pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008030520	A1	20080313	WO 2007-US19454	20070906
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZA, AG, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 2008090840	A1	20080417	US 2007-90006	20070906
PRIORITY APPLN. INFO.:			US 2006-843262P	P 20060907
			US 2006-857665P	P 200609107
			US 2007-923437P	P 200709113

OTHER SOURCE(S): MARPAT 148:355776
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L26 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:113668 CAPLUS
DOCUMENT NUMBER: 146:206106
TITLE: Preparation of phenoxyalkanoic acid derivatives for the treatment of diabetes
INVENTOR(S): Imoto, Hiroshi
PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan
SOURCE: PCT Int. Appl., 180pp.
CODEN: S17207
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007013694	A1	20070201	WO 2006-JP315452	20060728
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, GM, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZA, AG, AZ, BY, KG, KZ, MD, RU, TJ, TM			
EP 1911738	A1	20080416	EP 2006-78231	20060728
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
PRIORITY APPLN. INFO.:			JP 2005-221627	A 20050729
			WO 2006-JP315452	W 20060728

OTHER SOURCE(S): MARPAT 146:206106

L26 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1026833 CAPLUS
DOCUMENT NUMBER: 143:326090
TITLE: Preparation of arylmethoxyphenyl-alkylcarboxylic acids
and related derivatives for use in treating metabolic disorders
INVENTOR(S): Akerman, Michelle; Houze, Jonathan; Lin, Daniel C. H.; Liu, Jiwen; Luo, Jian; Medina, Julio C.; Qiu, Wei; Reagan, Jeffrey D.; Sharma, Rajiv; Shuttleworth, Stephen J.; Sun, Ying; Zhang, Jian; Zhu, Liusheng
PATENT ASSIGNEE(S): Amgen Inc., USA; et al.
SOURCE: PCT Int. Appl., 163 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005086661	A2	20050922	WO 2005-US5815	20050224
WO 2005086661	A3	20060504		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZA, AG, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2005220728	A2	20050922	AU 2005-220728	20050224
AU 2005220728	A1	20050922		
CA 2558585	A1	20050922	CA 2005-2558585	20050224
EP 1737809	A2	20070103	EP 2005-723623	20050224
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU			
CN 1946666	A	20070411	CN 2005-80012709	20050224
BR 2005008098	A	20070717	BR 2005-8098	20050224
JP 2007525516	T	20070906	JP 2007-500959	20050224
US 20060004012	A1	20060105	US 2005-67377	20050225
MX 2006PA09793	A	20061030	MX 2006-PA9793	20060828
US 20070142384	A1	20070621	US 2006-591214	20060828
KR 2007004769	A	20070109	KR 2006-719713	20060922
IN 2006DN05525	A	20070817	IN 2006-DN5525	20060922
NO 2006004362	A	20061122	NO 2006-4362	20060926
PRIORITY APPLN. INFO.:			US 2004-548741P	P 20040227
			US 2004-601579P	P 20040812
			WO 2005-US5815	W 20050224

OTHER SOURCE(S): CASREACT 143:326090; MARPAT 143:326090

L26 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L26 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:371241 CAPLUS
 DOCUMENT NUMBER: 142:411215
 TITLE: Preparation of furan derivatives as EP4 receptor antagonists
 INVENTOR(S): Clark, David Edward; Harris, Neil Victor; Fenton, Garry; Hynd, George; Stuttle, Keith Alfred James; Sutton, Jonathan Mark; Oxford, Alexander William; Davis, Richard Jon; Coleman, Robert Alexander; Clark, Kenneth Lyle
 PATENT ASSIGNEE(S): Pharmagene Laboratories Limited, UK
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037812	A1	20050428	WO 2004-GB4392	20041015
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GB, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004281225	A1	20050428	AU 2004-281225	20041015
CA 2542440	A1	20050428	CA 2004-2542440	20041015
US 20050124676	A1	20050609	US 2004-964831	20041015
EP 1673360	A1	20060628	EP 2004-768922	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1894231	A	20070110	CN 2004-80037433	20041015
JP 2007508364	T	20070405	JP 2006-534829	20041015
US 20070135503	A1	20070614	US 2006-576095	20060414
IN 20060202280	A	20070810	IN 2006-DN2280	20060425
NO 2006002187	A	20060707	NO 2006-2187	20060515
PRIORITY APPLN. INFO.:			GB 2003-24269	A 20031016
			US 2003-512200P	P 20031120
			WO 2004-GB4392	W 20041015

OTHER SOURCE(S): CASREACT 142:411215; MARPAT 142:411215
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L26 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:300393 CAPLUS
 DOCUMENT NUMBER: 142:355053
 TITLE: Preparation of Biphenyloxycarboxylic acids and derivatives thereof as inhibitors of PAI-1
 INVENTOR(S): Commons, Thomas Joseph; Croce, Susan Christman; Trybulski, Eugene John; Elokda, Hassan Mahmoud; Crandall, David Leroy
 PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA
 SOURCE: PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005030702	A1	20050407	WO 2004-US31458	20040924
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GB, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20060020003	A1	20060126	US 2004-947710	20040923
AU 2004276319	A1	20050407	AU 2004-276319	20040924
CA 2539250	A1	20050407	CA 2004-2539250	20040924
EP 1667959	A1	20060614	EP 2004-785017	20040924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004014799	A	20060121	BR 2004-14799	20040923
CN 1882527	A	20061220	CN 2004-80034509	20040924
JP 2007056771	T	20070322	JP 2006-528244	20060924
IN 2006KN00665	A	20070803	IN 2006-KN665	20060322
MX 2006PA03256	A	20060608	MX 2006-PA3256	20060323
PRIORITY APPLN. INFO.:			US 2003-505989P	20030925
			US 2004-947710	A 20040923
			WO 2004-US31458	W 20040924

OTHER SOURCE(S): CASREACT 142:355053; MARPAT 142:355053
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L26 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1059297 CAPLUS
 DOCUMENT NUMBER: 142:38135
 TITLE: Preparation of 5-hydroxybenzofuranacetic acid derivatives as antidiabetic agents
 INVENTOR(S): Yabuta, Tetsuo; Kohji, Shuji; Sasaki, Shinobu; Hinuma, Shuji; Ito, Yasuaki; Tanaka, Nobuhiko; Harada, Masataka; Yasuma, Takanori
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 167 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004106276	A1	20041209	WO 2004-JP7770	20040528
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GB, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2527691	A1	20041209	CA 2004-2527691	20040528
JP 2005343792	A	20051215	JP 2004-158907	20040528
EP 1630152	A1	20060301	EP 2004-745580	20040528
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 20060258722	A1	20061116	US 2005-558846	20051130
PRIORITY APPLN. INFO.:			JP 2004-139144	A 20040507
			WO 2004-JP7770	W 20040528

OTHER SOURCE(S): MARPAT 142:38135
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L26 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:412803 CAPLUS
 DOCUMENT NUMBER: 141:1264
 TITLE: Receptor function controlling agent
 INVENTOR(S): Fukatsu, Kohji; Sasaki, Shinobu; Hinuma, Shuji; Ito, Yasuaki; Tanaka, Nobuhiko; Harada, Masataka; Yasuma, Takanori
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 442 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004041266	A1	20040521	WO 2003-JP14139	20031106
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GB, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2505322	A1	20040521	CA 2003-2505322	20031106
AU 2003277576	A1	20040607	AU 2003-277576	20031106
JP 2005015461	A	20050120	JP 2003-376833	20031106
EP 1559422	A1	20050803	EP 2003-810621	20031106
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
CN 1735408	A	20060215	CN 2003-80108260	20031106
PRIORITY APPLN. INFO.:			JP 2002-324632	A 20031108
			JP 2003-16889	A 20031106
			JP 2003-153986	A 20031106
			WO 2003-JP14139	W 20031106

OTHER SOURCE(S): MARPAT 141:1264

L26 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:220326 CAPLUS
 DOCUMENT NUMBER: 140:270727
 TITLE: Preparation of furan derivatives for treatment of abnormal lipid metabolism, arteriosclerosis, and diabetes
 INVENTOR(S): Hamamura, Kazumasa; Sasaki, Shigekazu; Amano, Yuichiro; Sakamoto, Junichi; Fukatsu, Kohji
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 325 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022551	A1	20040318	WO 2003-JP11308	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2497901	A1	20040318	CA 2003-2497901	20030904
AU 2003261935	A1	20040329	AU 2003-261935	20030904
EP 1535915	A1	20050601	EP 2003-794233	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2005035966	A	20050210	JP 2003-314293	20030903
US 20060100261	A1	20060518	US 2005-526507	20050923
PRIORITY APPLN. INFO.:				
			JP 2003-185241	A 20030627
			WO 2003-JP11308	W 20030904

OTHER SOURCE(S): MARPAT 140:270727
 REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT
 INSTANT APPLICATION

L26 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:575453 CAPLUS
 DOCUMENT NUMBER: 140:59860
 TITLE: Synthesis and glycosidase inhibitory activities of 5-(1',4'-dideoxy-1',4'-imino-D-erythro-2-methyl-3-furoic acid (5-[(3S,4R)-3,4-dihydroxypyrrrolidin-2-yl]-2-methylfuran-3-carboxylic acid) derivatives: New leads as selective α -L-fucosidase and β -galactosidase inhibitors
 AUTHOR(S): Moreno-Vargas, Antonio J.; Robina, Inmaculada; Demange, Raynald; Vogel, Pierre
 CORPORATE SOURCE: Departamento de Quimica Organica, Facultad de Quimica, Universidad de Sevilla, Seville, E-41071, Spain
 SOURCE: Helvetica Chimica Acta (2003), 86(6), 1894-1913
 CODEN: HCACAV; ISSN: 0018-019X
 PUBLISHER: Verlag Helvetica Chimica Acta
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:59860
 REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE

L26 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:5921 CAPLUS
 DOCUMENT NUMBER: 138:55749
 TITLE: Preparation of 6-arylamido(methyl)-naphthalen-2-yl-oxy-acetic acid derivatives as inhibitors of plasminogen activator inhibitor type-1 (PAI-1)
 INVENTOR(S): Commons, Thomas Joseph; Croce, Susan Christman; Woodworth, Richard Page; Trybulski, Eugene John; Elokda, Hassan Mahmoud; Crandall, David Leroy
 PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA
 SOURCE: PCT Int. Appl., 146 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000649	A1	20030103	WO 2002-US19193	20020618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
TW 591020	B	20040611	TW 2002-91112528	20020610
US 20030045560	A1	20030306	US 2002-170558	20020613
US 6589970	B2	20030708		
CA 2450174	A1	20030103	CA 2002-2450174	20020618
AU 2002316269	A1	20030108	AU 2002-316269	20020618
EP 1397341	A1	20040317	EP 2002-746561	20020618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010468	A	20040810	BR 2002-10468	20020618
CN 1543453	A	20041103	CN 2002-816186	20020618
JP 2004536091	T	20041202	JP 2003-506853	20020618
MX 2003PA11409	A	20040608	MX 2003-PA11409	20031209
PRIORITY APPLN. INFO.:				
			US 2001-299652P	P 20010620
			US 2001-308656P	P 20010730
			WO 2002-US19193	W 20020618

OTHER SOURCE(S): MARPAT 138:55749
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2002:888731 CAPLUS
 DOCUMENT NUMBER: 137:384743
 TITLE: Preparation of furan and thiophene derivatives that activate human peroxisome proliferator activated receptors
 INVENTOR(S): Beswick, Paul John; Hamlett, Christopher Charles Frederick; Patel, Vipulkumar; Sierra, Michael Lawrence; Ramsden, Nigel Grahame
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092590	A1	20021121	WO 2002-GB2152	20020509
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2446797	A1	20021121	CA 2002-2446797	20020509
AU 2002253385	A1	20021125	AU 2002-253385	20020509
EP 1392674	A1	20040303	EP 2002-722506	20020509
EP 1392674	B1	20050810		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 2003004051	A2	20040428	HU 2003-4051	20020509
HU 2003004051	A3	20051128		
CN 1507442	A	20040623	CN 2002-809694	20020509
BR 2002009468	A	20040803	BR 2002-9468	20020509
JP 2004534035	T	20041111	JP 2002-589475	20020509
AT 301649	T	20050815	AT 2002-722506	20020509
ES 2247322	T3	20060301	ES 2002-722506	20020509
IN 2003KN01287	A	20060317	IN 2003-KN1287	20031009
ZA 2003008352	A	20050127	ZA 2003-8352	20031027
NO 2003004986	A	20031110	NO 2003-4986	20031110
MX 2003PA10285	A	20040309	MX 2003-PA10285	20031111
US 20040157890	A1	20040812	US 2004-476194	20040323
US 7091237	B2	20060815		
PRIORITY APPLN. INFO.:				
			GB 2001-11523	A 20010511
			WO 2002-GB2152	W 20020509

OTHER SOURCE(S): MARPAT 137:384743
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L26 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2002:200984 CAPLUS
DOCUMENT NUMBER: 136:386363
TITLE: Acylation of amino acids with furancarboxylic acid chlorides
AUTHOR(S): Lapina, I. M.; Pevzner, L. M.
CORPORATE SOURCE: St. Petersburg Institute of Technology, St. Petersburg, Russia
SOURCE: Russian Journal of General Chemistry (Translation of Zhurnal Obshchei Khimii) (2001), 71(9), 1479-1483
CODEN: RJGCEK; ISSN: 1070-3632
PUBLISHER: MAIK Nauka/Interperiodica Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 136:386363
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
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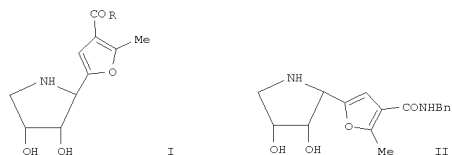
L26 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1999:244653 CAPLUS
DOCUMENT NUMBER: 130:281981
TITLE: Preparation of aryl furan derivatives as PDE IV inhibitors
INVENTOR(S): Perrier, Helene; Han, Yongxin; Bayly, Christopher; MacDonald, Dwight; Giroux, Andre; Young, Robert N.
PATENT ASSIGNEE(S): Merck Frosst Canada Inc., Can.
SOURCE: PCT Int. Appl., 103 pp.
CODEN: FIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9918095	A1	19990415	WO 1998-CA930	19981001
W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6020339	A	20000201	US 1998-163032	19980928
CA 2305413	A1	19990415	CA 1998-2305413	19981001
AU 9894252	A	19990427	AU 1998-94252	19981001
AU 732177	B2	20010412		
EP 1021429	A1	20000726	EP 1998-947246	19981001
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO			
JP 2001519344	T	20011023	JP 2000-514906	19981001
PRIORITY APPLN. INFO.:			US 1997-61261P	P 19971003
			WO 1998-CA930	W 19981001

OTHER SOURCE(S): MARPAT 130:281981
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L26 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
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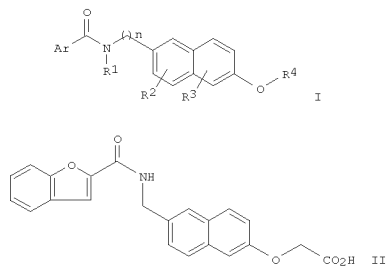
AB The Garcia-Gonzalez reaction of D-glucose and Et acetoacetate generated
Et 5-[(1'S)-2-erythroxy]-2-methyl-3-furoate, which was converted to Et
5-[(1'R)-1',4'-dideoxy-1',4'-imino-D-erythroxy]-2-methyl-3-furoate and
to Et 5-[(1'S)-1',4'-dideoxy-1',4'-imino-D-erythroxy]-2-methyl-3-furoate.
Similar methods were developed to generate other carboxylic acid derivs.
such as Me, iso-Pr, and Bu esters, S-Ph, and S-Et thio-esters, N-benzylcarbamoyl- and N-benzylglycine-derived amides, and N-Ph, N-iso-Pr,
N,N-diethyl-, and N-methyl-carboxamides, e.g. I (R = NH2). All the new
5-(1',4'-dideoxy-1',4'-imino-D-erythroxy)-3-furoic acid
(5-[(3S,4R)-3,4-dihydroxypyrrolidin-2-yl]furan-3-carboxylic acid) derivs.
were assayed for inhibitory activity towards 25 com. available
glycosidases. I (R = SPh) with a S-Ph thioester group is a good and
selective α -L-fucosidase inhibitor (K_i = 2-4 μ M), whereas II
(with a N-benzylcarboxamide group) is a good β -galactosidase
inhibitor.

IT 637743-09-OP 637743-10-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(synthesis and glycosidase inhibitory activities of
dideoxyiminoerythroxydimethylfuroic acids as selective
 α -L-fucosidase and β -galactosidase inhibitors)

RN 637743-09-0 CAPLUS
CN 1-Pyrrolidinocarboxylic acid, 3,4-bis(acetoxy)-2-[5-methyl-4-
(phenylethyl)carboxyl]-2-furanyl]-, 9H-fluoren-9-ylmethyl ester,
(2R,3S,4R)- (CA INDEX NAME)

Absolute stereochemistry.

L26 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
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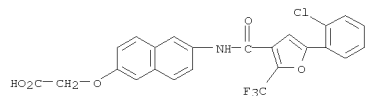


AB Title compds. I [Ar = Ph, naphthyl, furanyl, etc.; R1 = H, alkyl, Ph, etc. R2 = H, alkyl, Ph, halo, etc. R4 = CHR5CO2H, CH2tetrazole, etc.; n = 0-1; R5 = H, benzyl] are prepared For instance, [(6-hydroxynaphthalen-2-yl)methyl]ammonium bromide (preparation given) and benzofuran-2-carbonyl chloride were coupled to form the corresponding amide. The intermediate amide was alkylated with Me bromoacetate (DMF, K2CO3) and the resulting alkylation produce saponified to give II. II at 100 μM exhibited 25% inhibition of PAI-1. I are useful for the treatment of non-insulin dependent diabetes.

IT 479632-62-7P, 6-[[[5-(2-Chlorophenyl)-2-trifluoromethylfuran-3-yl]carbonyl]amino]naphthalen-2-yloxy]acetic acid 479632-67-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 6-arylamido(methyl)-naphthalen-2-yloxy-acetic acid derivs. as inhibitors of plasminogen activator inhibitor type-1 (PAI-1))

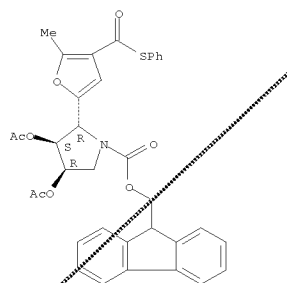
RN 479632-62-7 CAPLUS

CN Acetic acid, 2-[[[5-(2-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]carbonyl]amino]-2-naphthalenyl]oxy]- (CA INDEX NAME)



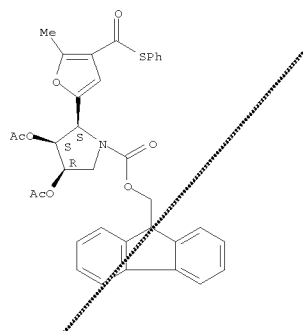
RN 479632-67-2 CAPLUS

L26 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

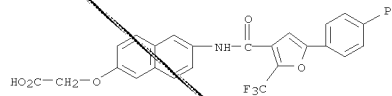


RN 637743-10-3 CAPLUS
CN 1-Pyrrolidinecarboxylic acid, 3,4-bis(acetyloxy)-2-[5-methyl-4-
[(phenylthio)carbonyl]-2-furanyl]-, 9H-fluoren-9-ylmethyl ester,
(2S,3S,4R)- (CA INDEX NAME)

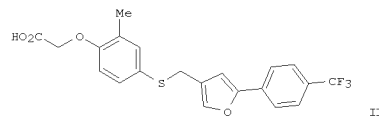
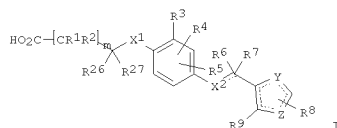
Absolute stereochemistry.



L26 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 C1 Acetic acid, 2-[[6-[[[5-[1'-biphenyl]-4-yl-2-(trifluoromethyl)-3-furanyl]carbonyl]amino]-2-naphthalenyl]oxy]- (CA INDEX NAME)



L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
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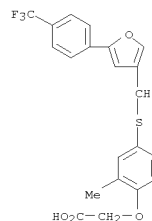


AB The title compds. [I; X1 = O, S, NH, NMe, alkyl; R1, R2 = H, alkyl; R3-R5 = H, Me, CMe, CF3, halo; m = 0-3; X2 = (CR1OR11)n, O, S, OCH2; n = 1-2; R6, R7, R10, R11 = H, F, alkyl, etc.; one of Y and Z = CH, the other = S, O with the proviso that Y cannot be substituted and Z can only be substituted when it is carbon; R8 = (un)substituted Ph, pyridyl (wherein the N is in position 2 or 3) with the provision that when R3 = pyridyl, the N is unsubstituted; R9 = alkyl, CF3, CH2D (D = N-substituted piperazino, furyl, piperidino, etc.); R26, R27 = H, alkyl; or R26 and R27,

together with the carbon atom to which they are bonded form a 3-5 membered cycloalkyl ring] and their pharmaceutically acceptable salts, useful for the treatment of a hPPAR mediated disease or condition such as dyslipidemia, syndrome X, heart failure, hypercholesterolemia, cardiovascular disease, type II diabetes mellitus, type I diabetes, insulin resistance, hyperlipidemia, obesity, anorexia bulimia, inflammation and anorexia nervosa, were prepared Thus, coupling (5-[4-(trifluoromethyl)phenyl]-3-furyl)methanol with Et (4-mercapto-2-methylphenoxy)acetate followed by hydrolysis of the resulting ester afforded the acid II.
IT 476154-08-2P 476154-09-3P 476154-11-7P
476154-14-0P 476154-15-1P 476154-16-2P
476154-17-3P 476154-19-5P 476154-20-8P
476154-21-9P 476154-24-2P 476154-25-3P
476154-26-4P 476154-27-5P 476154-28-6P
476154-30-0P 476154-31-1P 476154-33-3P

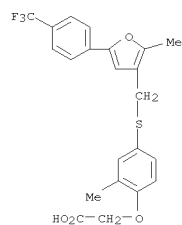
L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

476154-34-4P 476154-36-6P 476154-37-7P
476154-38-8P 476154-39-9P 476154-40-2P
476154-41-3P 476154-42-4P 476154-43-5P
476154-44-6P 476154-45-7P 476154-46-8P
476154-47-9P 476154-48-0P 476154-49-1P
476154-50-4P 476154-51-5P 476154-52-6P
476154-53-7P 476154-54-8P 476154-56-0P
476154-58-2P 476154-59-3P 476154-60-6P
476154-61-7P 476154-63-9P 476154-64-0P
476154-65-1P 476154-66-2P 476154-68-4P
476154-69-5P 476154-74-2P 476154-83-3P
476154-84-4P 476154-85-5P 476154-86-6P
476154-95-7P 476154-96-8P 476154-97-9P
476154-98-0P 476154-99-1P 476155-00-7P
476155-04-1P 476155-06-3P 476155-07-4P
476155-08-5P 476155-10-9P 476155-12-1P
476155-13-2P 476155-14-3P 476156-39-5P
476156-47-5P 476156-48-6P 476156-49-7P
476156-50-0P 476156-51-1P 476156-53-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of furan and thiophene derivs. that activate human peroxisome proliferator activated receptors)
RN 476154-08-2 CAPLUS
CN Acetic acid, 2-[2-methyl-4-[[[5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

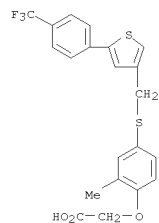


RN 476154-09-3 CAPLUS
CN Acetic acid, 2-[2-methyl-4-[[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

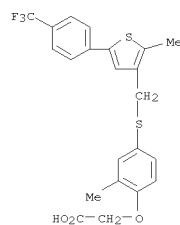


RN 476154-11-7 CAPLUS
CN Acetic acid, 2-[2-methyl-4-[[[5-[4-(trifluoromethyl)phenyl]-3-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

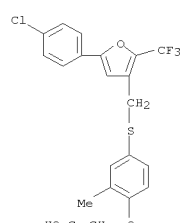


RN 476154-14-0 CAPLUS
CN Acetic acid, 2-[2-methyl-4-[[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

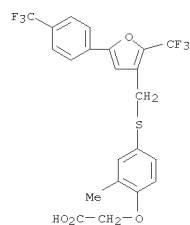


RN 476154-15-1 CAPLUS
CN Acetic acid, 2-[4-[[[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]methyl]thio]-2-methylphenoxy]- (CA INDEX NAME)

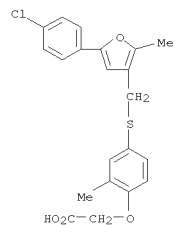


RN 476154-16-2 CAPLUS
CN Acetic acid, 2-[2-methyl-4-[[[2-(trifluoromethyl)-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

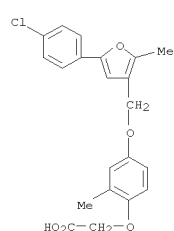


RN 476154-17-3 CAPLUS
 CN Acetic acid, 2-[4-[[5-(4-chlorophenyl)-2-methyl-3-furanyl]methoxy]phenoxy]-2-methylphenoxy]- (CA INDEX NAME)

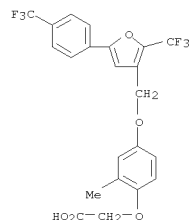


RN 476154-19-5 CAPLUS
 CN Acetic acid, 2-[4-[[5-(4-chlorophenyl)-2-methyl-3-furanyl]methoxy]phenoxy]-2-methylphenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

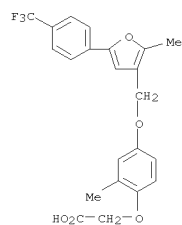


RN 476154-20-8 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-(trifluoromethyl)-5-[4-(trifluoromethoxy)phenyl]-3-furanyl]methoxy]phenoxy]- (CA INDEX NAME)

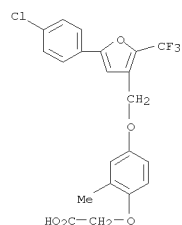


RN 476154-21-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-(trifluoromethyl)-5-[4-(trifluoromethoxy)phenyl]-3-furanyl]methoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

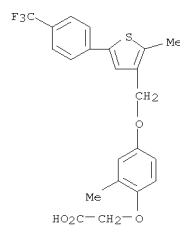


RN 476154-24-2 CAPLUS
 CN Acetic acid, 2-[4-[[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]methoxy]phenoxy]-2-methylphenoxy]- (CA INDEX NAME)

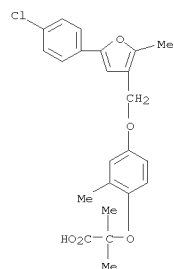


RN 476154-25-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

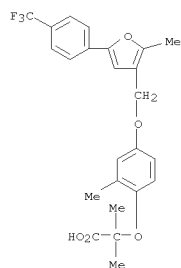


RN 476154-26-4 CAPLUS
 CN Propanoic acid, 2-[4-[[5-(4-chlorophenyl)-2-methyl-3-furanyl]methoxy]phenoxy]-2-methyl- (CA INDEX NAME)

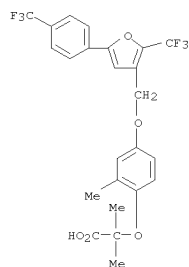


RN 476154-27-5 CAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

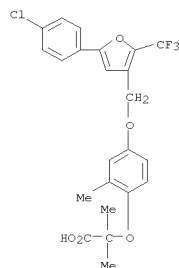


RN 476154-28-6 CAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[2-(trifluoromethyl)-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methoxy]phenoxy]- (CA INDEX NAME)

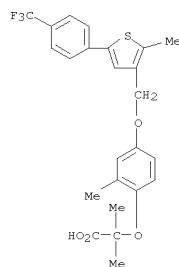


RN 476154-30-0 CAPLUS
 CN Propanoic acid, 2-methyl-2-[4-[[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]methoxy]-2-methylphenoxy]-2-methyl- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

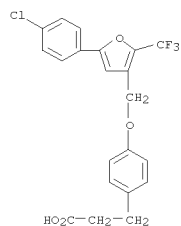


RN 476154-31-1 CAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]- (CA INDEX NAME)

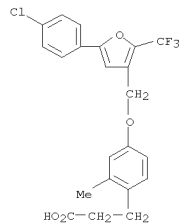


RN 476154-33-3 CAPLUS
 CN Benzenepropanoic acid, 4-[[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]methoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

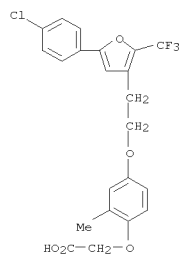


RN 476154-34-4 CAPLUS
 CN Benzenepropanoic acid, 4-[[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]methoxy]-2-methyl- (CA INDEX NAME)

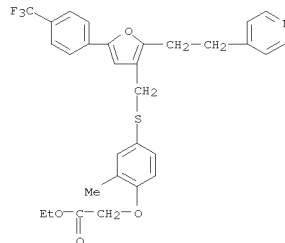


RN 476154-36-6 CAPLUS
 CN Acetic acid, 2-[4-[2-[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]ethoxy]-2-methylphenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

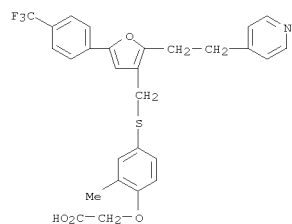


RN 476154-37-7 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[[2-[2-(4-pyridinyl)ethyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, ethyl ester (CA INDEX NAME)



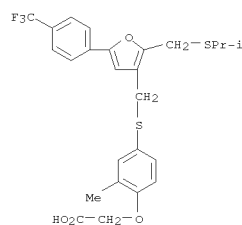
RN 476154-38-8 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[[2-[2-(4-pyridinyl)ethyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, hydrochloride (1:1) (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



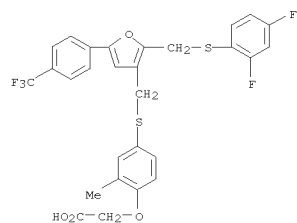
● HCl

RN 476154-39-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(1-methylethyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

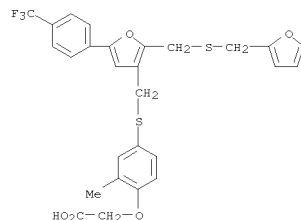


RN 476154-40-2 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(1H-benzimidazol-2-yl)methyl]thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

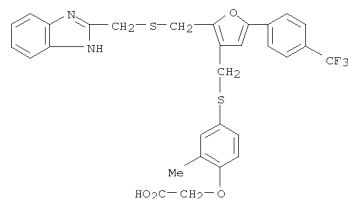


RN 476154-43-5 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(2-furanylmethyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

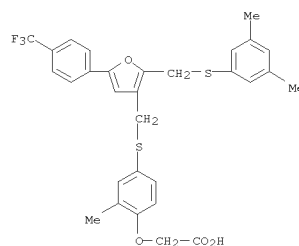


RN 476154-44-6 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(phenylmethyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

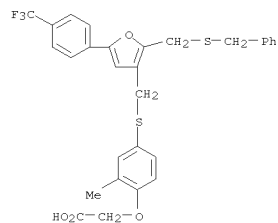


RN 476154-41-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(3,5-dimethylphenyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

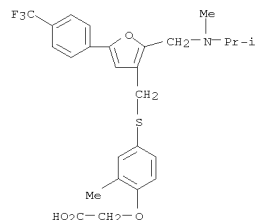


RN 476154-42-4 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(2,4-difluorophenyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

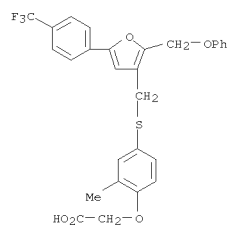


RN 476154-45-7 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(methyl(1-methylethyl)amino)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

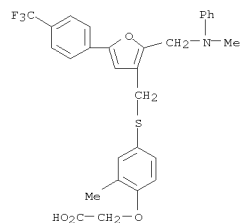


RN 476154-46-8 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[[(phenoxymethyl)thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

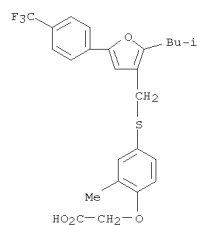


RN 476154-47-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[(methylphenylamino)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

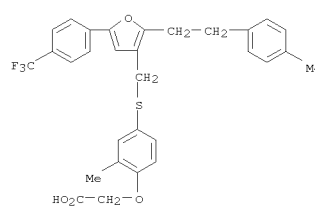


RN 476154-48-0 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-(2-methylpropyl)-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

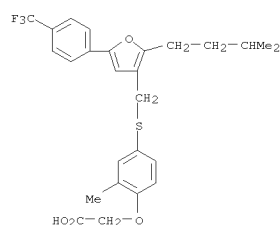


RN 476154-49-1 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[(2-(4-methylphenyl)ethyl)-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

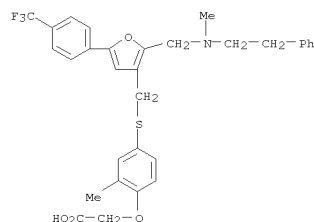


RN 476154-50-4 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-(3-methylbutyl)-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

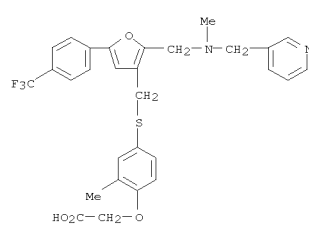


RN 476154-51-5 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[methyl(2-phenylethyl)amino]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

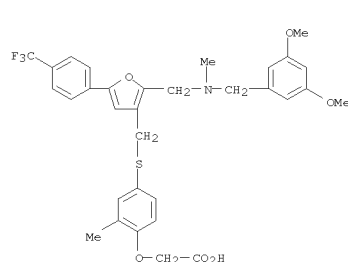


RN 476154-52-6 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[methyl(3-pyridinylmethyl)amino]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

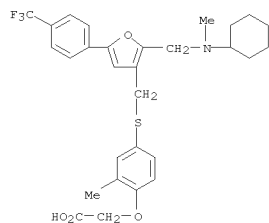


RN 476154-53-7 CAPLUS
 CN Acetic acid, 2-[4-[[2-[[[(3,5-dimethoxyphenyl)methyl]methylamino]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]- (CA INDEX NAME)

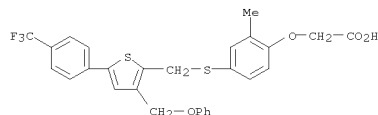


RN 476154-54-8 CAPLUS
 CN Acetic acid, 2-[4-[[2-[[[(cyclohexylmethylamino)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

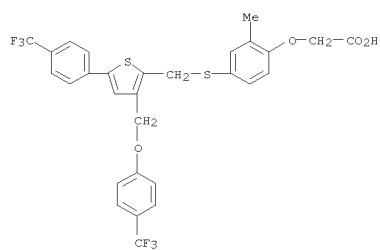


RN 476154-56-0 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-(phenoxymethyl)-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

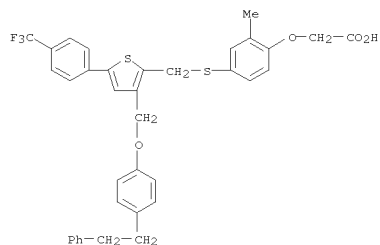


RN 476154-58-2 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(trifluoromethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

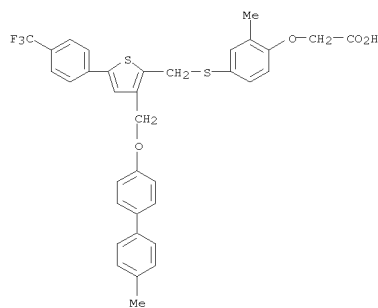


RN 476154-59-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

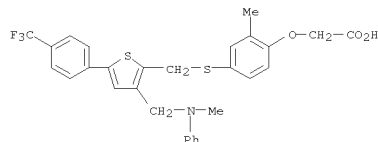


RN 476154-60-6 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

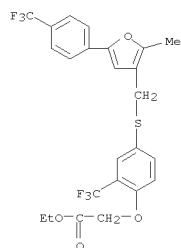


RN 476154-61-7 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

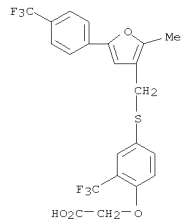


RN 476154-63-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

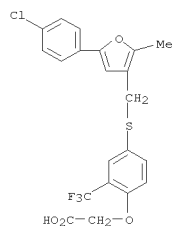


RN 476154-64-0 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

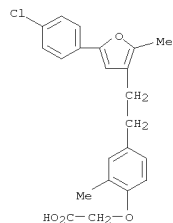


RN 476154-65-1 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[3-[[4-(2-phenylethyl)phenoxy]methyl]-5-[4-(trifluoromethyl)phenyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



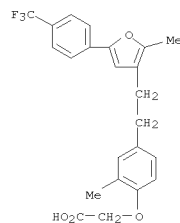
RN 476154-66-2 CAPLUS
 CN Acetic acid, 2-[4-[2-[5-(4-chlorophenyl)-2-methyl-3-furanyl]ethyl]-2-methylphenoxy]-, hydrochloride (1:1) (CA INDEX NAME)



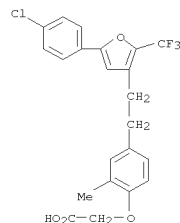
● HCl

RN 476154-68-4 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]ethyl]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



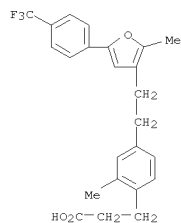
RN 476154-69-5 CAPLUS
 CN Acetic acid, 2-[4-[2-[5-(4-chlorophenyl)-2-(trifluoromethyl)-3-furanyl]ethyl]-2-methylphenoxy]-, sodium salt (1:1) (CA INDEX NAME)



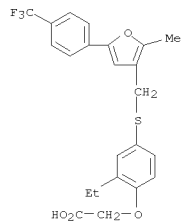
● Na

RN 476154-74-2 CAPLUS
 CN Benzenepropanoic acid, 2-methyl-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]ethyl]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

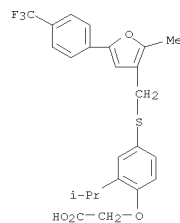


RN 476154-83-3 CAPLUS
 CN Acetic acid, 2-[2-ethyl-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

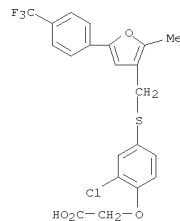


RN 476154-84-4 CAPLUS
 CN Acetic acid, 2-[2-(1-methylethyl)-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

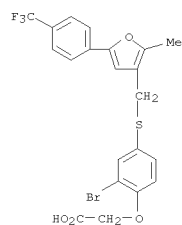


RN 476154-85-5 CAPLUS
 CN Acetic acid, 2-[2-chloro-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

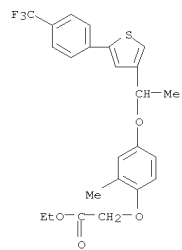


RN 476154-86-6 CAPLUS
 CN Acetic acid, 2-[2-bromo-4-[[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

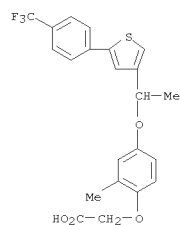


RN 476154-95-7 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[1-[5-[4-(trifluoromethyl)phenyl]-3-thienyl]ethoxy]phenoxy]-, ethyl ester (CA INDEX NAME)

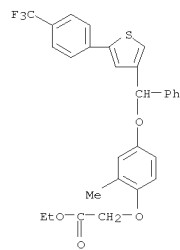


RN 476154-96-8 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[1-[5-[4-(trifluoromethyl)phenyl]-3-thienyl]ethoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

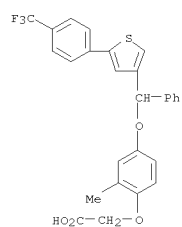


RN 476154-97-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[phenyl[5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]-, ethyl ester (CA INDEX NAME)



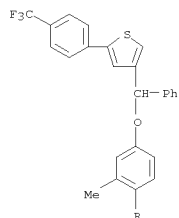
RN 476154-98-0 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[phenyl[5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 476154-99-1 CAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[phenyl[5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]-, ethyl ester (CA INDEX NAME)

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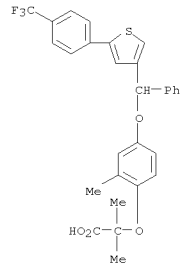


PAGE 2-A

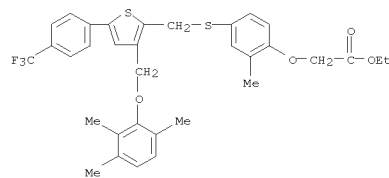


RN 476155-00-7 CAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[phenyl[5-[4-(trifluoromethyl)phenyl]-3-thienyl]methoxy]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

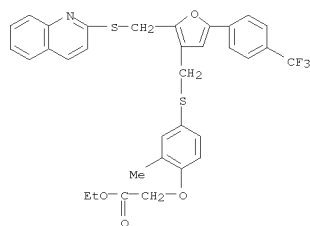


RN 476155-04-1 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[[5-[4-(trifluoromethyl)phenyl]-3-[(2,3,6-trimethylphenoxy)methyl]-2-thienyl]methyl]thio]phenoxy]-, ethyl ester (CA INDEX NAME)

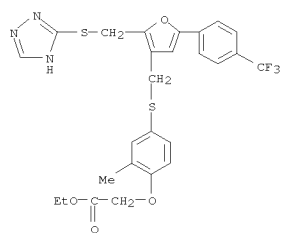


RN 476155-06-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[[2-[(2-quinolinylthio)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, ethyl ester (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

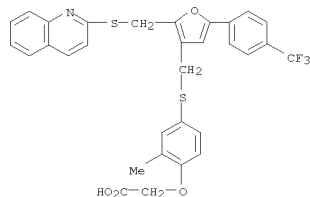


RN 476155-07-4 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[(1H-1,2,4-triazol-5-ylthio)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, ethyl ester
 (CA INDEX NAME)

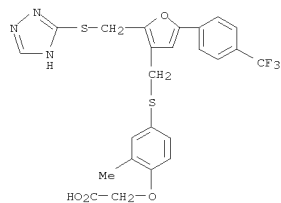


RN 476155-08-5 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[4-(4-methoxyphenyl)-1-piperazinyl]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]-, ethyl ester (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

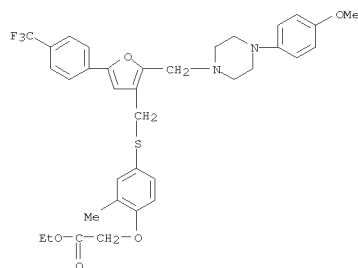


RN 476155-13-2 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[(1H-1,2,4-triazol-5-ylthio)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

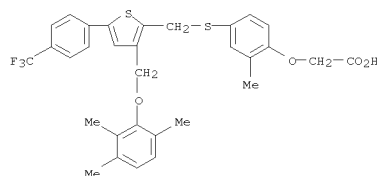


RN 476155-14-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[4-(4-methoxyphenyl)-1-piperazinyl]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

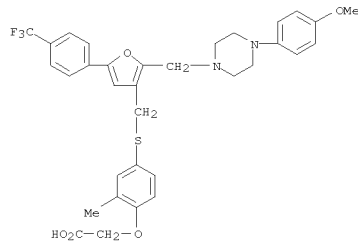


RN 476155-10-9 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[5-[4-(trifluoromethyl)phenyl]-3-(2,3,6-trimethylphenoxy)methyl]-2-thienyl]methyl]thio]phenoxy]- (CA INDEX NAME)

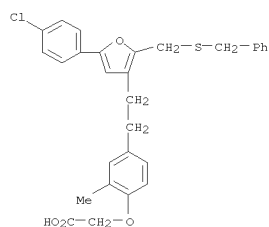


RN 476155-12-1 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[(2-quinolinylthio)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

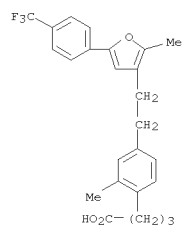


RN 476156-39-5 CAPLUS
 CN Acetic acid, 2-[4-[2-[5-(4-chlorophenyl)-2-[(phenylmethyl)thio]methyl]-3-furanyl]ethyl]-2-methylphenoxy]- (CA INDEX NAME)

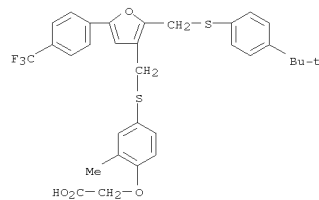


RN 476156-47-5 CAPLUS
 CN Benzenebutanoic acid, 2-methyl-4-[2-[2-methyl-5-[4-(trifluoromethyl)phenyl]-3-furanyl]ethyl]- (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

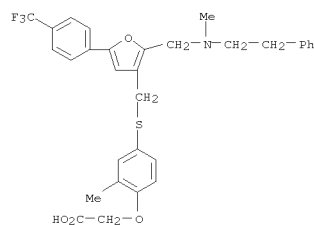


RN 476156-48-6 CAPLUS
 CN Acetic acid, 2-[4-[[2-[[4-(1,1-dimethylethyl)phenyl]thio]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]- (CA INDEX NAME)



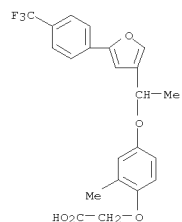
RN 476156-49-7 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[methyl(3-pyridinylmethyl)amino]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, hydrochloride (1:1) (CA INDEX NAME)

L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (1:1) (CA INDEX NAME)

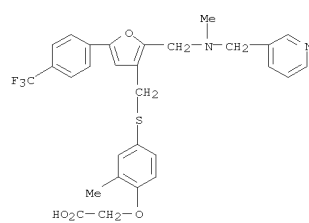


● HCl

RN 476156-53-3 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[5-[4-(trifluoromethyl)phenyl]-3-furanyl]ethoxy]phenoxy]- (CA INDEX NAME)

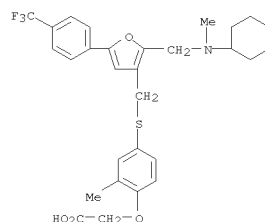


L26 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

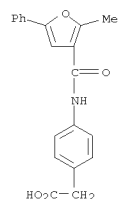
RN 476156-50-0 CAPLUS
 CN Acetic acid, 2-[4-[[2-[[2-[(cyclohexylmethylamino)methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]-2-methylphenoxy]-, hydrochloride (1:1) (CA INDEX NAME)



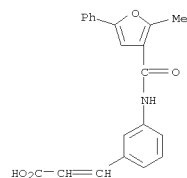
● HCl

RN 476156-51-1 CAPLUS
 CN Acetic acid, 2-[2-methyl-4-[[2-[[methyl(2-phenylethyl)amino]methyl]-5-[4-(trifluoromethyl)phenyl]-3-furanyl]methyl]thio]phenoxy]-, hydrochloride

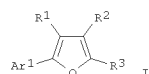
L26 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
 AB Acylation of aromatic amino acids with furancarboxylic acid chlorides effectively proceeded in water-acetone medium at pH 8-9. Aliphatic amino acids are acylated at higher pH values, but under these conditions hydrolysis of the acid chlorides became the main process. Acylation of HCl salts of aliphatic amino acid Me esters proceeded smoothly in chloroform in the presence of triethylamine. Alkaline hydrolysis of the resulting products gave the N-(furancarboxyl)amino acids.
 IT 352338-59-1P 381673-50-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of (furancarboxyl)amino acids via acylation of amino acids with furancarboxylic acid chlorides)
 RN 352338-59-1 CAPLUS
 CN Benzeneacetic acid, 4-[[2-methyl-5-phenyl-3-furanyl]carbonyl]amino]- (CA INDEX NAME)



RN 381673-50-3 CAPLUS
 CN 2-Propenoic acid, 3-[3-[[2-methyl-5-phenyl-3-furanyl]carbonyl]amino]phenyl]- (CA INDEX NAME)



L26 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
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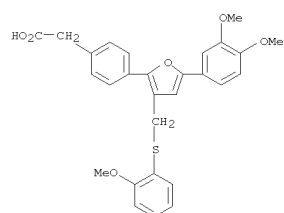
AB The title compds. [I; Ar¹ = (un)substituted Ph, pyridyl, furyl; R¹ = H, halo, alkylcarbonyloxy, etc.; R² = H, alkyl; R³ = (un)substituted Ph, pyridinyl, quinolinyl, furyl], useful in the treatment of diseases, including asthma, by raising the level of cyclic adenosine-3',5'-monophosphate (cAMP) through the inhibition of phosphodiesterase IV (PDE IV), were prepared E.g., treatment of 1-(3-cyclobutylloxy-4-methoxyphenyl)-4-(2-pyridyl)-1,4-butanedione (preparation given) with TsOH in PhMe afforded 62%.

I [Ar¹ = 3-cyclobutylloxy-4-methoxyphenyl; R¹ = R² = H; R³ = 2-pyridyl]. The instant compds. I showed IC₅₀ of 10 nM tp 3 μM in SPA based PDE activity assay.

IT 222961-80-0P 222962-31-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREF (Preparation); USES (Uses) (preparation of aryl furan derivs. as PDE IV inhibitors)

RN 222961-80-0 CAPLUS

CN Benzeneacetic acid, 4-[5-(3,4-dimethoxyphenyl)-3-[(2-methoxyphenyl)thio]methyl]-2-furanyl]- (CA INDEX NAME)



RN 222962-31-4 CAPLUS

CN Benzeneacetic acid, 4-[5-(3,4-dimethoxyphenyl)-3-[(3,5-dimethylphenyl)thio]methyl]-2-furanyl]- (CA INDEX NAME)

L26 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

